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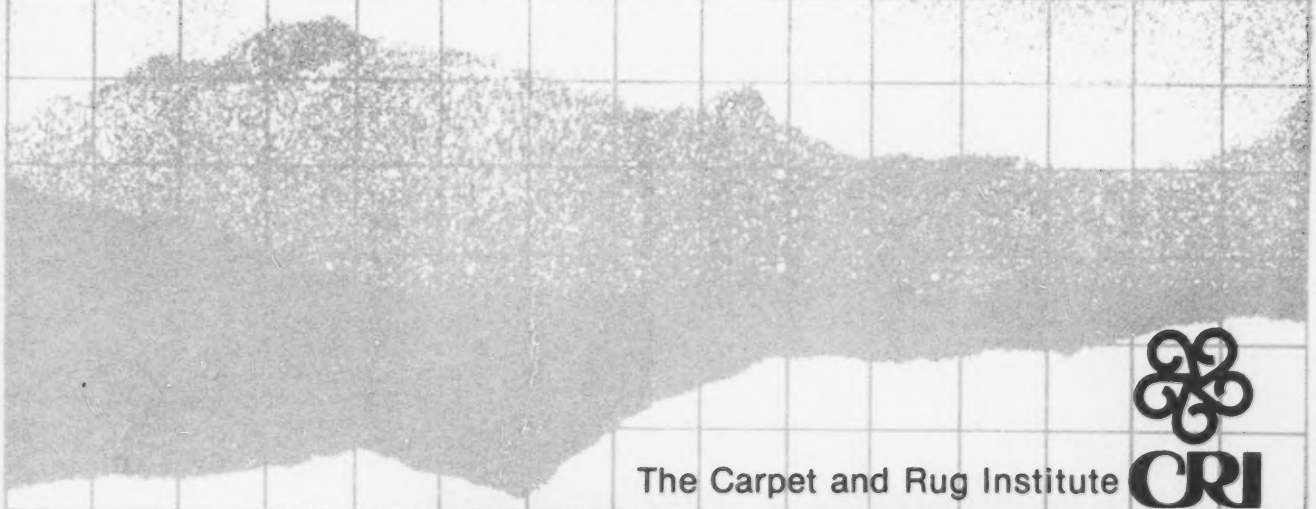

The Carpet and Rug Institute CRI

INDUSTRY REVIEW 1984

Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as marketing, public relations, member services, governmental and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanent offices in Dalton, Georgia, and in Washington, D.C.

Highlights of 1984

- Shipments totaled $6.5 billion, an increase of 6.9 percent from 1983.
- Total square yards reached 1.115 billion, up 2.3 percent from 1983.
- Tufted's share of market was 95.0 percent on a square yard basis, and 94.2 percent based on dollars.
- Woven products held a 1.3 percent share on a square yard basis and 3.3 percent based on dollars.
- Nylon held an 80.1 percent share of the face fiber market; polypropylene ranked second with 12.4 percent; polyester 6.9 percent; and wool less than one percent.
- Export sales were $216.4 million, down 18.1 percent from 1983.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, Kuwait, United Arab Emirates, and Japan.
- Imports reached $458.9 million, an increase of 44.7 percent from 1983.
- The top five suppliers to the U.S. were: China, India, Belgium, Pakistan and United Kingdom.

Highlights of 1983

- Shipments totaled $6.0 billion, an increase of 21.9 percent from 1982.
- Total square yards reached 1.1 billion, up 23.0 percent from 1982.
- Tufted's share of market was 93.1 percent on a square yard basis, and 93.6 percent based on dollars.
- Woven products held a 1.5 percent share on a square yard basis and 3.6 percent based on dollars.
- Nylon held an 80.5 percent share of the face fiber market; polypropylene ranked second with 11.7 percent; polyester 7.2 percent; and wool almost one percent.
- Export sales were $264.1 million, down 7.7 percent from 1982.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, Kuwait, United Arab Emirates, and West Germany.
- Imports reached $317.3 million, an increase of 18.6 percent from 1982.
- The top five suppliers to the U.S. were: India, China, Belgium, Pakistan, and the United Kingdom.

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Data Compiled and Published by

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P. O. Box 2048
Dalton, GA 30722
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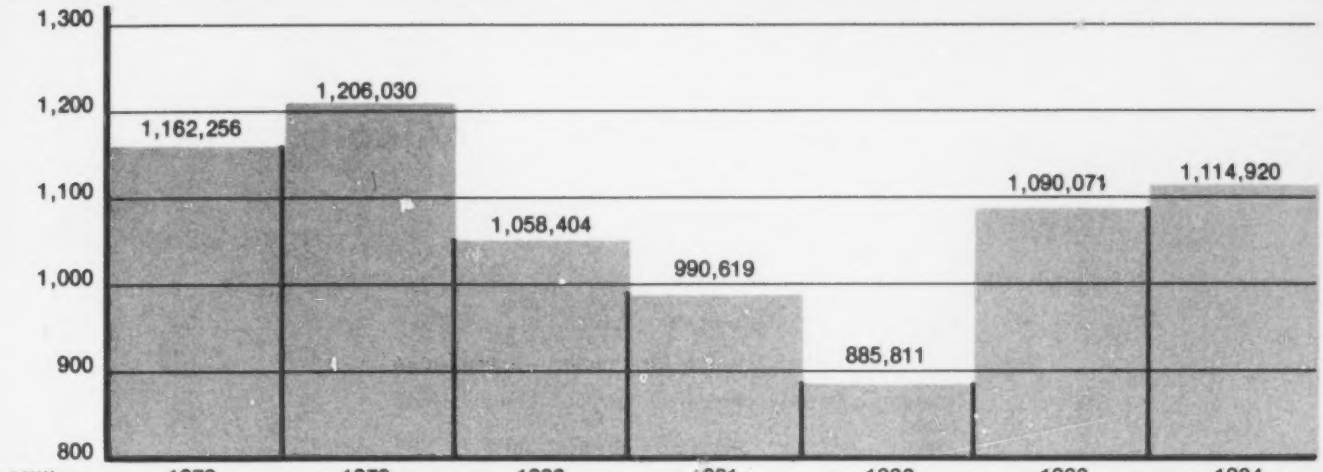
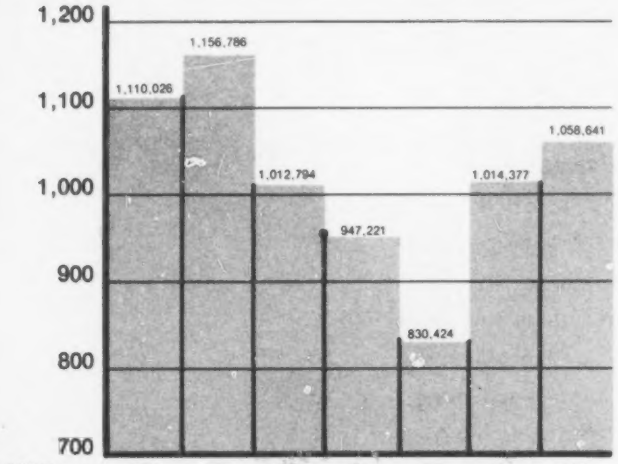
TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



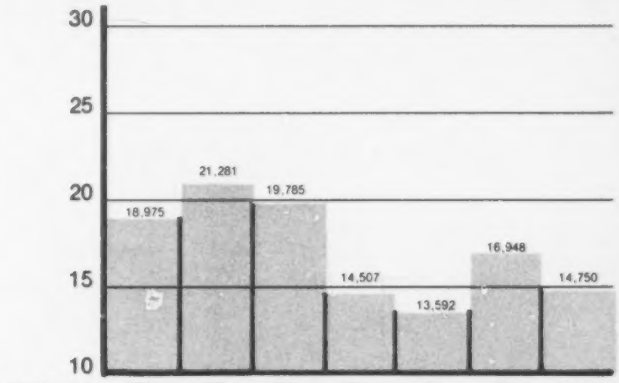
Includes all tufted, woven and all other carpet and rugs.

TUFTED



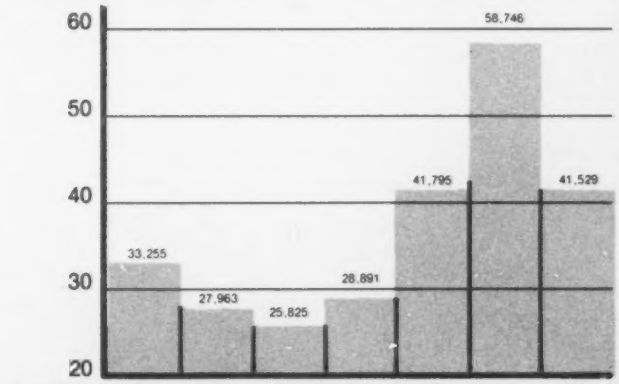
Includes rugs and roll goods larger than 6' x 9' rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

WOVEN



Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER

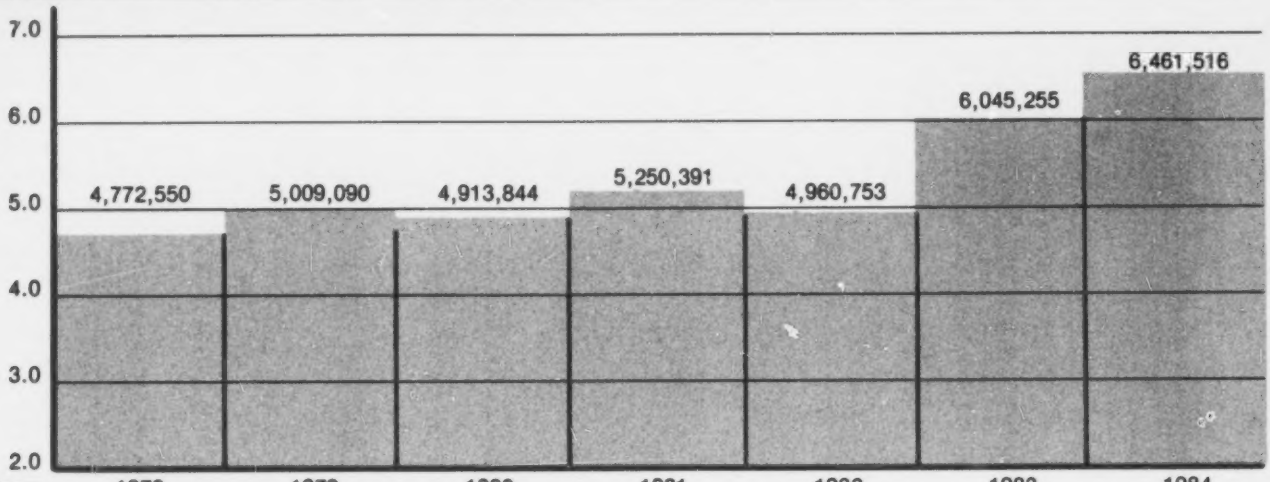


Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

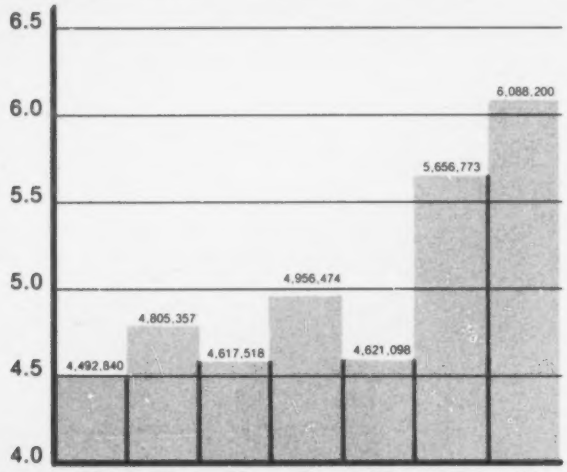
TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



Billions of Dollars

Includes all tufted, woven, and all other carpet and rugs.

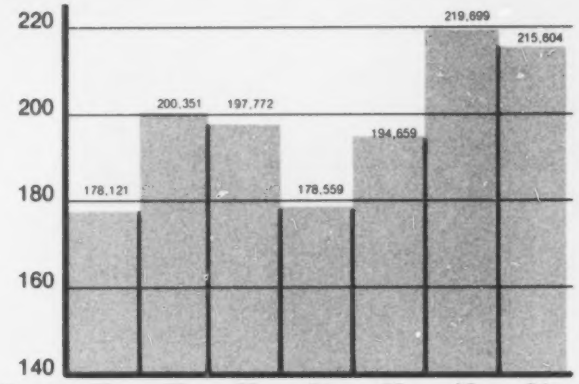
TUFTED



Billions of Dollars

Includes rugs and roll goods larger than 6' x 9' rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

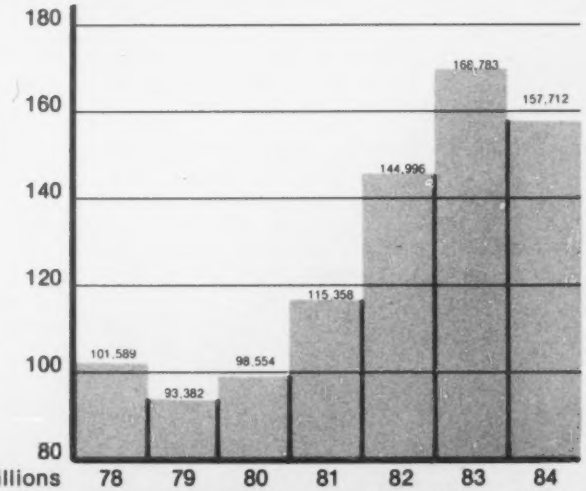
WOVEN



Millions of Dollars

Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER



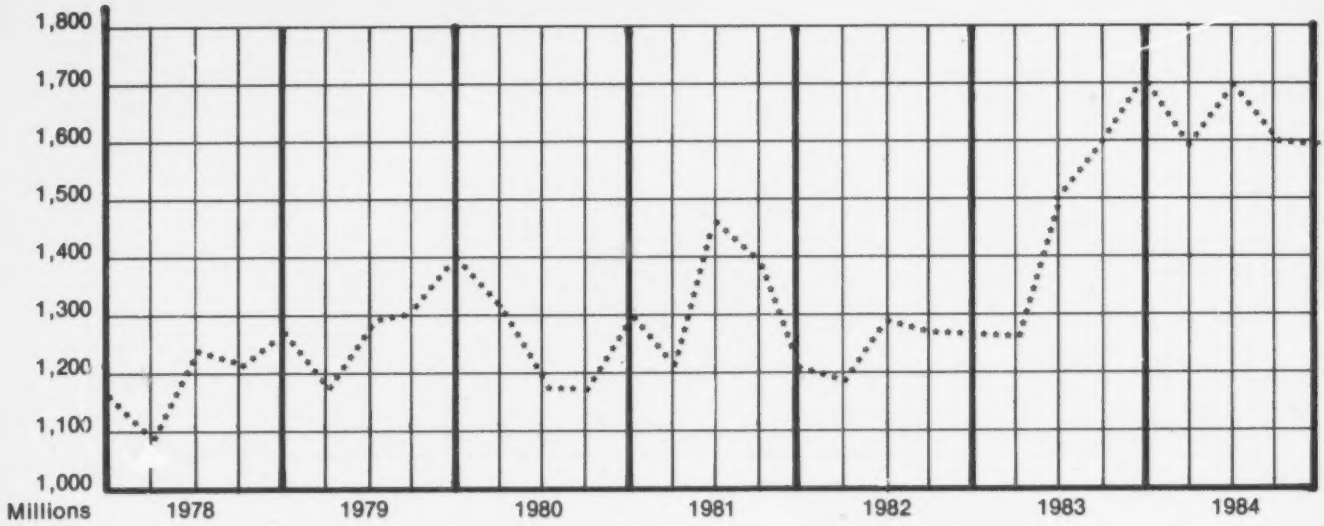
Millions of Dollars

Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

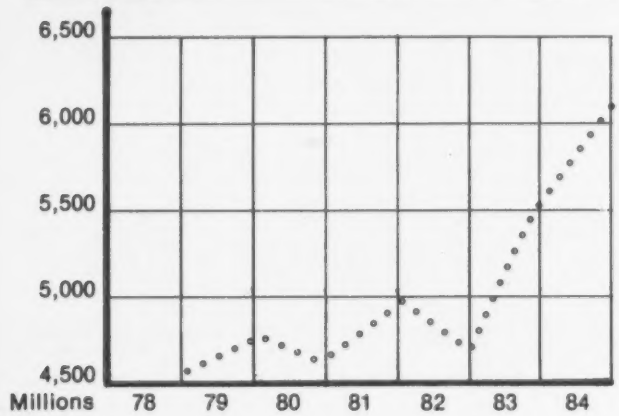
Refer to Appendix Table 2, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

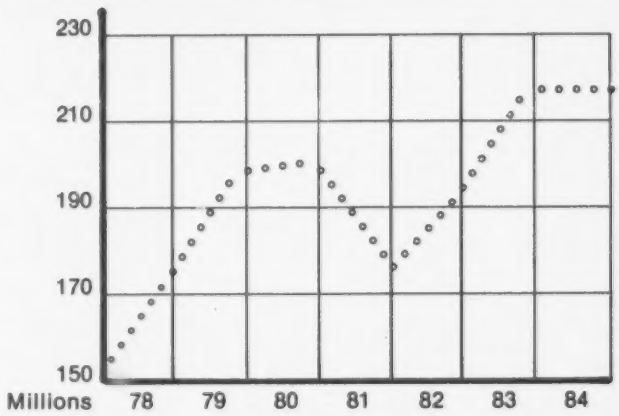
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — DOLLARS



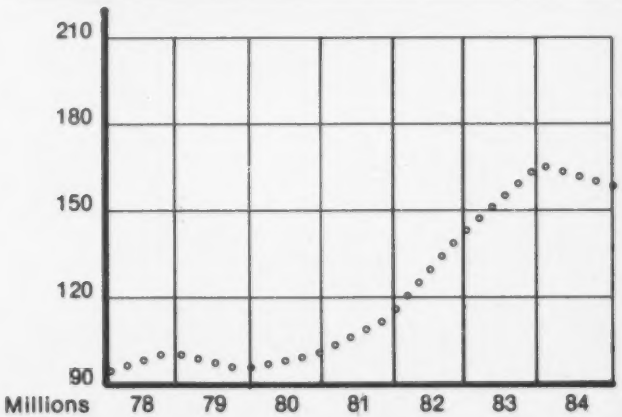
TUFTED SHIPMENTS — DOLLARS



WOVEN SHIPMENTS — DOLLARS



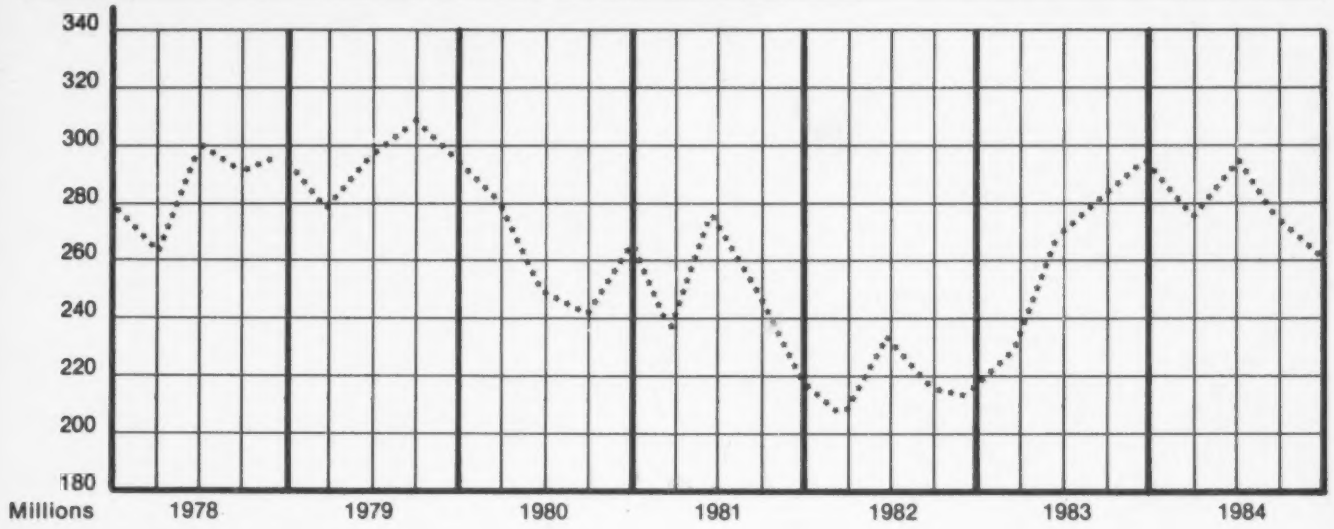
ALL OTHER SHIPMENTS — DOLLARS



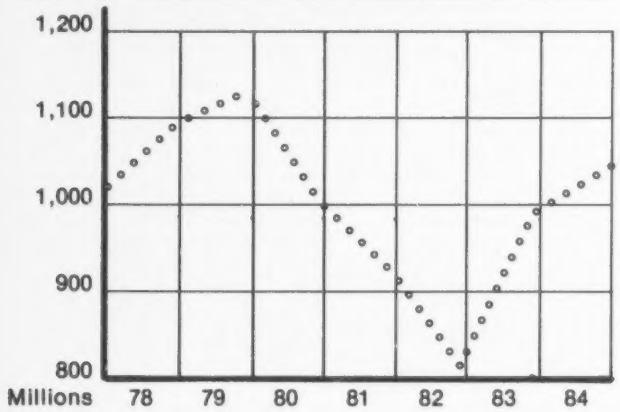
Refer to Appendix Tables 2 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

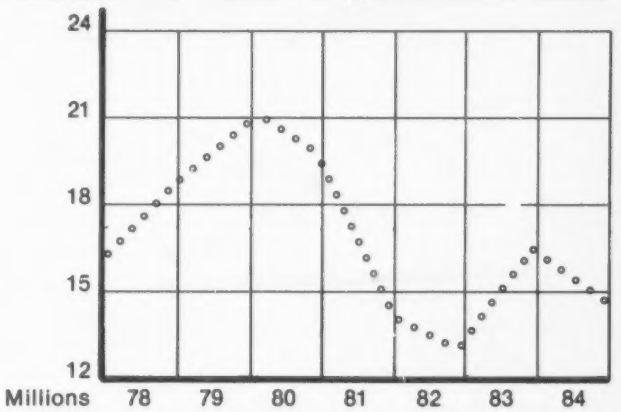
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — SQUARE YARDS



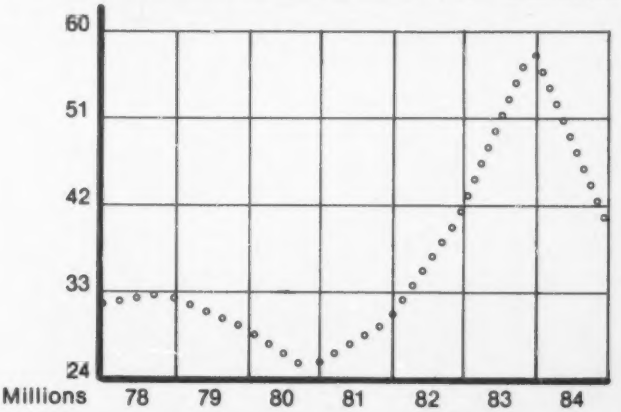
TUFTED SHIPMENTS — SQUARE YARDS



WOVEN SHIPMENTS — SQUARE YARDS



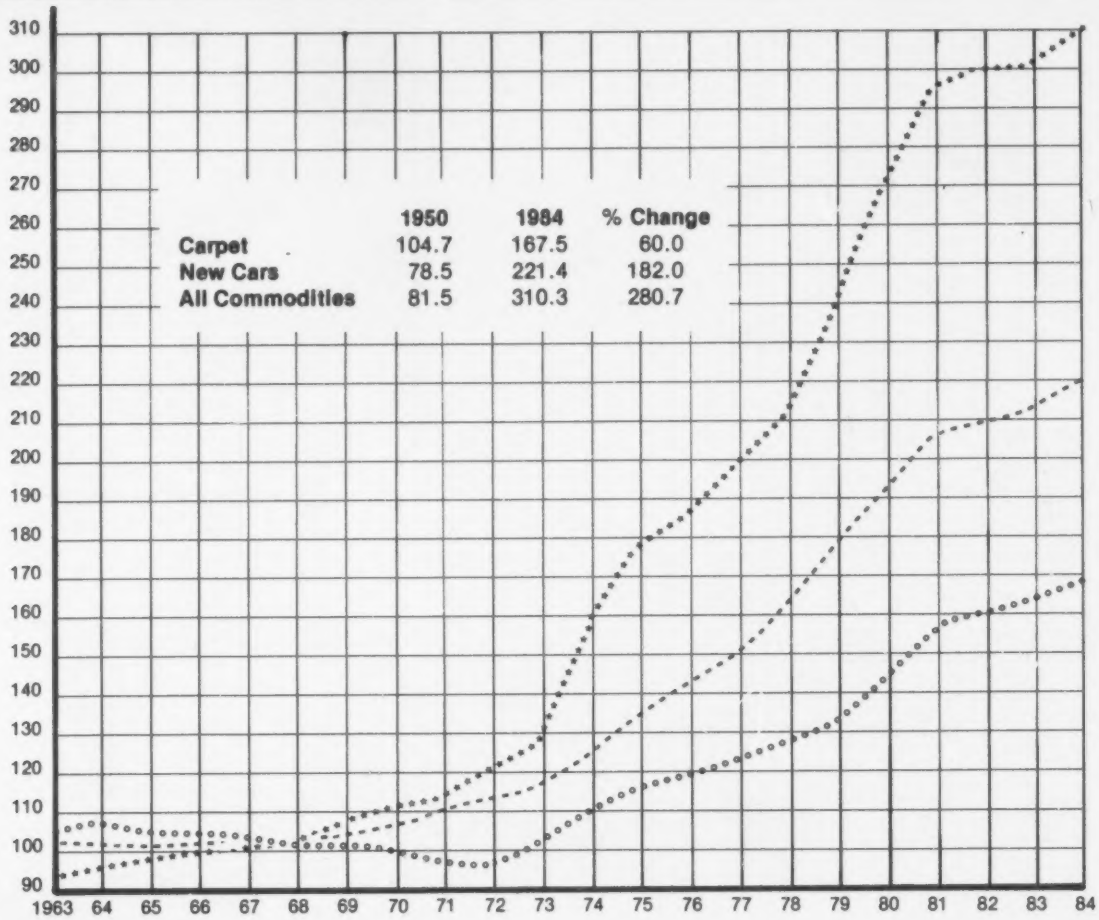
ALL OTHER SHIPMENTS — SQUARE YARDS



Refer to Appendix Table 1 and 3 for additional data.

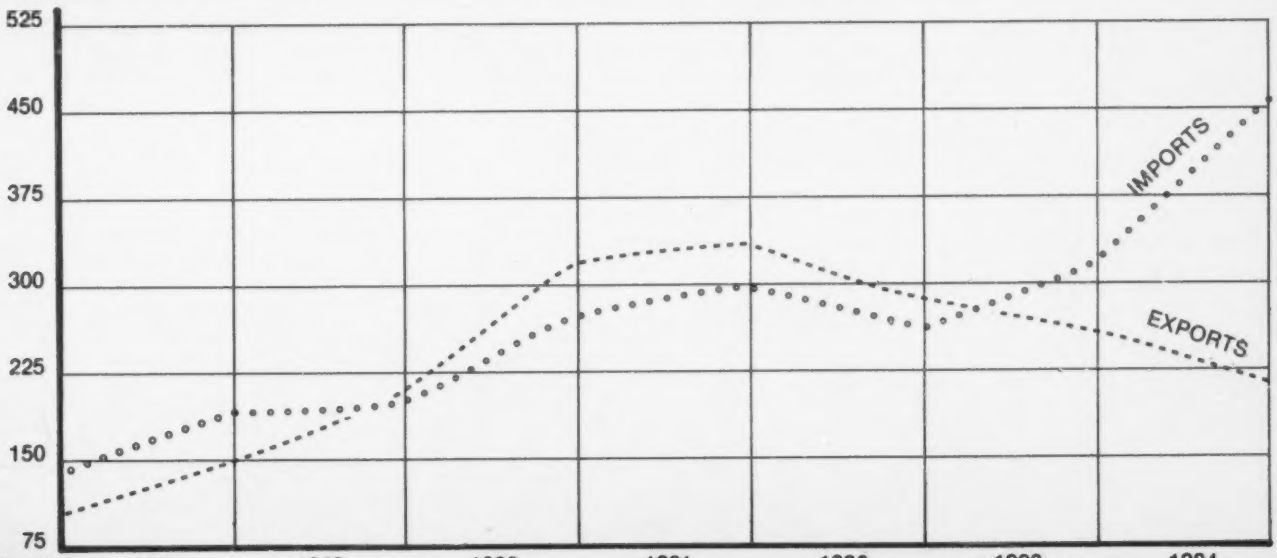
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

PRODUCER PRICE INDEX (1967 = 100%)



Source: Bureau of Labor Statistics
•••••• All Commodities
- - - - - - New Cars
••••••• Carpet

CARPET AND RUG TRADE BALANCE



APPENDIX TABLE 1 TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)

	1978	1979	1980	1981	1982	1983	1984
TUFTED	1,110,026	1,156,786	1,012,794	947,221	830,424	1,014,377	1,058,641
Rugs smaller than 6' x 9'	81,072	80,751	73,711	72,300	55,394	72,869	72,454
Rugs & roll goods larger than 6' x 9'	947,344	973,738	837,809	808,477	721,847	874,225	899,296
Artificial Grass for non-athletic surfaces	16,076	30,712	33,050	22,596	21,432	21,112	20,430
Automotive & aircraft	65,534	71,585	68,224	43,848	31,751	46,171	66,461
WOVEN	18,975	21,281	19,785	14,507	13,592	16,948	14,750
ALL OTHER	33,255	27,963	25,825	28,891	41,795	58,746	41,529
Knitted	7,677	7,617	7,386	6,388	5,565	6,277	6,201
Needlepunch	19,290	14,806	12,681	17,601	30,336	45,639	27,481
Braided, Hooked and Other N.E.C.	6,288	5,540	5,758	4,902	5,894	6,830	7,847
TOTAL INDUSTRY	1,162,256	1,206,030	1,058,404	990,619	885,811	1,090,071	1,114,920

Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 2 TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)

	1978	1979	1980	1981	1982	1983	1984
TUFTED	4,492840	4,805,357	4,617,518	4,956,474	4,621,098	5,656,773	6,088,200
Rugs smaller than 6' x 9'	247,382	251,973	273,323	298,053	277,080	339,372	313,595
Roll goods and rugs larger than 6' x 9'	3,993,648	4,239,270	4,013,669	4,398,367	4,107,496	4,996,626	5,405,926
Artificial Grass for non-athletic surfaces	43,209	70,799	78,437	59,132	56,493	56,738	55,299
Automotive & aircraft	208,601	243,315	252,089	200,922	180,029	264,037	313,380
WOVEN	178,121	200,351	197,772	178,559	194,659	219,699	215,604
ALL OTHER	101,589	93,382	98,554	115,358	144,996	168,783	157,712
Knitted	42,489	40,703	41,595	44,295	46,528	45,901	49,925
Needlepunch	33,535	32,401	29,052	45,145	72,031	93,118	65,673
Braided, Hooked and Other N.E.C.	25,565	20,278	27,907	25,918	26,437	29,764	42,114
TOTAL INDUSTRY	4,772,550	5,099,090	4,913,844	5,250,391	4,960,753	6,045,255	6,461,516

Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 3 TOTAL INDUSTRY SHIPMENTS — QUARTERLY ANALYSIS (000's Omitted)

YEAR	QUARTER	SQUARE YARDS	DOLLARS
1984		**1,114,920**	**$6,461,516**
	1st	276,924	1,588,708
	2nd	295,756	1,697,569
	3rd	276,297	1,600,005
	4th	265,943	1,575,234
1983		**1,090,071**	**$6,045,255**
	1st	233,859	1,250,204
	2nd	274,176	1,488,402
	3rd	285,862	1,598,758
	4th	296,174	1,707,891
1982		**885,811**	**$4,960,753**
	1st	213,813	1,173,137
	2nd	235,155	1,277,821
	3rd	219,707	1,258,385
	4th	217,136	1,251,410
1981		**990,619**	**$5,250,391**
	1st	241,903	1,217,186
	2nd	278,675	1,461,655
	3rd	252,530	1,379,518
	4th	217,611	1,192,032
1980		**1,058,404**	**$4,913,844**
	1st	287,880	1,307,283
	2nd	254,327	1,167,474
	3rd	246,290	1,152,448
	4th	269,907	1,286,639
1979		**1,206,030**	**$5,099,090**
	1st	279,379	1,141,597
	2nd	299,117	1,272,327
	3rd	309,750	1,309,453
	4th	317,784	1,375,713
1978		**1,162,256**	**$4,772,550**
	1st	264,928	1,070,747
	2nd	303,397	1,241,364
	3rd	294,959	1,205,734
	4th	298,972	1,254,705

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 4 TOTAL INDUSTRY SHIPMENTS

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	319,489	+13.4	$ 1,075,526	+12.3	$ 3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,936,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	939,334	+12.6	3,636,474	+17.6	3.87	+ 4.3
1977	1,074,110	+14.3	4,298,660	+18.2	4.00	+ 3.4
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,000	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2
1982	885,811	-10.6	4,960,753	- 5.5	5.60	+ 5.7
1983	1,090,071	+23.0	6,045,255	+21.9	5.55	- 0.9
1984	1,114,920	+ 2.3	6,461,516	+ 6.9	5.80	+ 4.5

APPENDIX TABLE 5 TOTAL BROADLOOM SHIPMENTS

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	225,332	+15.5	$ 891,005	+13.2	$ 3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,968	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	789,945	+12.3	3,230,990	+17.7	4.09	+ 4.9
1977	901,173	+14.1	3,816,847	+18.1	4.24	+ 3.7
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9
1982	762,436	-10.5	4,405,176	- 5.9	5.78	+ 5.3
1983	918,562	+20.5	5,318,964	+20.7	5.79	+ 0.2
1984	940,677	+ 2.4	5,726,754	+ 7.7	6.09	+ 5.2

APPENDIX TABLE 6 CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1980	1981	1982	1983	1984 1st Q	1984 2nd Q	1984 3rd Q	1984 4th Q	1984 Total
*Nylon BCF	714.5	633.6	559.5	734.6	191.1	197.7	191.3	190.1	770.2
*Nylon Staple	631.5	617.4	594.4	815.2	194.6	196.1	179.2	181.1	751.0
Polyester Staple	119.9	124.0	114.7	139.0	31.2	35.6	32.0	32.6	131.4
Polypropylene BCF & Fibrillated	89.5	89.5	90.0	131.2	29.9	32.4	35.4	41.4	139.1
Polypropylene Staple	61.6	67.5	76.8	93.6	22.4	25.2	23.9	25.0	96.5
Wool	10.0	11.0	9.8	10.7	2.6	3.0	2.0	2.3	9.9
TOTALS	1627.0	1543.0	1445.2	1924.3	471.8	490.0	463.8	472.5	1898.1

*Only 1981 and 1982 poundages include Aramid.

Source: Textile Organon, Textile Economics Bureau

APPENDIX TABLE 7 CARPET/RUG EXPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	20,895,000	$ 86,173,000
1976	24,630,000	102,456,000
1977	23,865,000	105,786,000
1978	31,763,000	147,322,000
1979	43,763,000	212,272,000
1980	68,617,000	320,281,000
1981	60,460,447	335,172,000
1982	50,265,000	286,182,000
1983	48,342,000	264,092,000
1984	36,029,000	216,412,000

Source: U. S. Department of Commerce, Bureau of the Census, EM 522 and 526. Excludes Underlayment.

*F.A.S. Country of Origin - not including freight and duty cost.

CARPET/RUG IMPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	10,751,000	$ 87,292,000
1976	13,988,000	119,705,000
1977	13,871,000	146,319,000
1978	15,032,000	189,846,000
1979	14,151,000	199,752,000
1980	13,797,741	276,311,000
1981	14,151,000	299,226,000
1982	17,122,000	267,594,000
1983	23,813,000	317,264,000
1984	37,961,000	458,936,000

Source: U. S. Department of Commerce, Bureau of the Census, IM 145 and 146. Excludes Underlayment.

*F.A.S. Country of Origin - not including freight and duty cost.

APPENDIX TABLE 8 CARPET/TOTAL TEXTILES BALANCE OF TRADE

PERIOD	IMPORTS	EXPORTS	BALANCE OF CARPET TRADE	BALANCE OF TEXTILE TRADE*
1975	$ 87,292,000	$ 86,173,000	- 1.29%	+ 21.63%
1976	119,705,000	102,456,000	- 14.41%	+ 09.99%
1977	146,319,000	105,786,000	- 27.71%	+ 01.03%
1978	189,846,000	147,322,000	- 22.40%	- 07.29%
1979	199,752,000	212,272,000	+ 6.26%	+ 32.93%
1980	276,311,000	320,281,000	+ 15.91%	+ 35.73%
1981	299,226,000	335,172,000	+ 12.01%	+ 11.35%
1982	267,594,000	286,182,000	+ 6.95%	- 07.20%
1983	317,264,000	264,092,000	- 16.76%	- 31.57%
1984	458,936,000	216,412,000	- 52.84%	- 51.1[illegible]%

*Textiles include all yarns, fiber, carpet, rugs, and fabric, C.I.F. values.

Sources: U. S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, and EM 546.

APPENDIX TABLE 9 1984 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Algeria	0	$ 4	0	$ 0	0	$ 0	0	$ 0	0	$ 4
Angola	0	0	1	13	0	0	0	2	1	15
Australia	259	1,838	113	517	2	22	75	641	449	3,018
Austria	3	58	0	0	0	0	1	54	4	112
Bahamas	176	1,309	154	1,059	1	2	11	100	342	2,470
Bahrain	401	2,527	36	334	0	0	13	81	450	2,942
Barbados	41	226	61	390	0	0	8	249	110	865
Belgium & Luxembourg	50	252	34	590	0	0	6	103	90	945
Belize	3	19	0	3	0	0	2	9	5	31
Bermuda British	113	826	86	581	0	0	7	56	206	1,463
Bolivia	0	1	0	12	0	0	0	0	0	13
Brazil	0	0	1	4	0	0	0	17	1	21
Brunei	0	0	6	42	0	0	0	5	6	47
Canada	6,260	36,583	679	4,974	437	1,061	2,399	6,339	9,775	48,957
Cayman Islands	5	33	90	472	0	0	7	46	102	551
Chile	26	251	14	69	0	0	14	92	54	412
China (Taiwan)	32	131	3	38	0	0	15	72	50	241
Colombia	26	150	4	38	1	6	7	51	38	245
Congo	1	12	0	0	0	0	0	0	1	12
Costa Rica	0	3	2	10	0	0	1	7	3	20
Cyprus	38	173	0	3	0	0	0	0	38	176
Denmark	1	10	8	165	0	0	1	19	10	194
Djibouti	0	2	4	23	0	0	0	0	4	25
Dominican Republic	31	150	4	14	0	0	1	11	36	175
Ecuador	0	0	0	13	0	0	0	4	0	17
Egypt	0	0	0	0	0	0	7	40	7	40
El Salvador	2	20	5	33	0	0	4	25	11	78
Ethiopia	2	16	0	34	0	0	0	0	2	50
Finland	24	88	0	3	0	0	0	0	24	91
France	31	226	7	154	2	12	1	34	41	426
French West Indies	1	9	1	6	0	0	0	0	2	15
Germany (West)	216	1,659	61	949	30	197	285	3,253	592	6,058
Greece	2	26	9	101	0	0	0	3	11	130
Guatemala	5	38	9	73	0	0	4	35	18	146
Guinea	0	1	0	0	0	0	0	6	0	7
Guinea (Bissau)	0	0	1	12	0	0	0	0	1	12
Guyana	0	1	1	5	0	0	0	0	1	6
Haiti	4	19	7	45	0	0	7	68	18	132
Honduras	5	38	2	6	0	0	7	85	14	129
Hong Kong	173	1,162	289	799	0	0	30	225	492	2,186
Iceland	4	72	1	16	0	0	1	5	6	93
India	0	0	25	144	0	0	0	0	25	144
Iran	0	10	0	0	0	0	0	0	0	10
Ireland	1	4	1	15	0	0	0	1	2	20
Israel	8	94	1	11	0	0	0	3	9	108
Italy	37	257	4	159	1	20	4	305	46	741
Jamaica	31	306	39	282	0	0	4	14	74	602
Japan	1,165	6,264	99	994	0	0	98	1,108	1,362	8,366
Jordan	268	1,488	1	24	0	0	32	55	301	1,567
Korea (Republic)	16	376	21	110	0	0	37	401	74	887
Kuwait	2,463	16,154	71	656	0	0	94	283	2,628	17,093
Lebanon	62	396	1	9	0	0	0	0	63	405
Liberia	13	78	3	17	0	0	0	2	16	97

Country of Destination	TUFTED Sq. Yds.	TUFTED Dollars	MACHINE WOVEN Sq. Yds.	MACHINE WOVEN Dollars	NEEDLEPUNCH Sq. Yds.	NEEDLEPUNCH Dollars	ALL OTHERS Sq. Yds.	ALL OTHERS Dollars	TOTAL Sq. Yds.	TOTAL Dollars
Libya	0	0	5	32	0	0	0	0	5	32
Malawi	0	1	0	0	0	0	2	18	2	19
Malaysia	148	666	38	327	0	0	8	80	194	1,073
Mauritius	0	0	2	9	0	0	0	0	2	9
Mexico	27	192	43	216	1	2	24	107	95	517
Nauru	6	25	0	0	0	0	0	0	6	25
Netherlands	36	257	18	133	0	0	131	1,429	185	1,819
Netherlands Antilles	35	201	94	544	0	0	33	173	162	918
New Caledonia	2	10	8	51	1	2	3	3	14	66
New Guinea	3	13	0	0	0	0	0	0	3	13
New Zealand	3	32	11	296	0	0	17	121	31	449
Nicaragua	0	0	0	1	0	0	0	4	0	5
Norway	75	393	1	6	0	0	1	9	77	408
Oman	286	1,692	26	220	0	0	0	0	312	1,912
Pacific Is. Territory	5	29	3	22	0	0	1	10	9	61
Pakistan	7	108	2	48	0	0	1	32	10	188
Panama	45	255	79	617	2	9	34	187	160	1,068
Paraguay	2	39	3	30	0	0	0	2	5	71
Peru	5	24	0	3	4	20	8	50	17	97
Philippines	2	30	2	24	0	0	1	26	5	80
Portugal	1	14	0	1	0	0	0	0	1	15
Qatar	570	3,881	93	382	0	0	0	5	663	4,268
Romania	0	0	0	0	0	0	0	3	0	3
Saudi Arabia	9,846	55,799	1,096	9,218	2	11	528	2,570	11,472	67,598
Sierra Leone	0	0	14	198	0	0	0	0	14	198
Singapore	541	3,340	93	968	0	0	48	311	682	4,619
South Africa (Republic of)	135	847	10	251	1	10	64	390	210	1,498
Spain	5	42	0	7	0	0	1	8	6	57
Sri Lanka	16	149	0	0	0	0	0	0	16	149
Sudan	0	0	0	6	0	0	0	0	0	6
Surinam	0	0	1	7	0	0	0	0	1	7
Sweden	103	431	11	153	0	0	39	239	153	823
Switzerland & Liechtenstein	26	299	8	266	22	82	28	1,367	84	2,014
Syria	1	9	0	0	0	0	0	0	1	9
Thailand	0	2	0	3	0	0	19	132	19	137
Trinidad & Tobago	469	2,349	285	1,624	0	0	40	247	794	4,220
Tunisia	2	20	0	0	0	0	0	0	2	20
Turk & Caicos Islands	0	2	8	49	0	0	0	0	8	51
United Arab Emirates	1,890	10,641	394	2,874	0	0	34	451	2,319	13,966
United Kingdom	381	2,701	46	576	5	13	99	1,206	531	4,496
Uruguay	1	4	9	45	0	0	0	3	10	52
Venezuela	7	68	12	75	0	0	4	71	23	214
Virgin Islands (Br.)	18	102	15	109	2	8	8	43	43	262
Western Samoa	0	0	0	1	0	0	1	8	1	9
Yemen (Aden)	8	37	0	0	0	0	0	0	8	37
Yemen (Sana)	46	235	0	0	0	0	0	0	46	235
Zambia	0	0	0	0	0	0	12	10	12	10
TOTALS	26,752	$158,298*	4,389	$ 33,413	514	$ 1,477	4,372	$ 23,224	36,029*	$216,412*

Source: U. S. Department of Commerce, Bureau of the Census, EM 546.

Note: Dollar value reported F.O.B. country of origin - not including freight and duty cost.

*Does not add due to rounding.

APPENDIX TABLE 10 1984 IMPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTAL		MACHINE WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Afghanistan	0	$ 15	0	$ 2	29	$1,415	0	$ 4	25	$ 467	54	$ 1,903
Argentina	0	0	0	0	0	2	0	0	0	0	0	2
Australia	103	1,293	0	0	0	1	17	255	0	12	120	1,561
Austria	0	16	0	0	1	53	16	180	31	442	48	691
Bahamas	0	0	0	0	0	0	0	0	0	1	0	1
Bahrain	0	0	0	0	0	0	0	3	0	0	0	3
Bangladesh	0	0	0	0	1	16	9	53	2	16	12	85
Belgium	2,759	15,273	0	3	65	232	4,388	39,923	110	877	7,322	56,308
Bolivia	0	0	0	0	1	57	0	2	0	5	1	64
Brazil	392	239	0	0	0	1	192	839	102	231	686	1,310
Bulgaria	0	0	0	0	0	0	0	0	1	16	1	16
Canada	3,348	10,941	0	2	8	133	24	624	478	2,278	3,858	13,978
Chile	0	0	0	0	0	4	0	0	0	1	0	5
China (Mainland)	477	11,250	6	38	1,239	71,386	5	138	54	971	1,781	83,783
China (Taiwan)	25	694	3	9	15	1,030	18	133	21	202	82	2,068
Colombia	0	0	0	0	0	3	0	1	0	0	0	4
Costa Rica	0	0	0	0	0	0	0	0	0	18	0	18
Czechslovakia	0	0	0	0	0	0	1	4	0	0	1	4
Denmark	132	1,666	1	4	5	44	164	3,827	48	542	350	6,083
Ecuador	0	0	0	0	0	6	0	0	0	2	0	8
Egypt	0	3	0	0	2	328	0	0	1	12	3	343
Ethiopia	0	0	0	0	1	11	0	1	0	0	1	12
Finland	1	8	0	4	1	5	0	16	14	147	16	180
France	2	68	0	4	8	403	55	1,295	17	270	82	2,040
Germany (West)	148	1,324	0	6	13	1,398	84	1,198	418	3,210	663	7,136
Greece	96	636	0	0	0	23	66	572	5	70	167	1,301
Guatemala	0	0	0	0	0	0	0	0	1	8	1	8
Haiti	1	39	2	15	0	1	0	1	4	71	7	127
Helena (S)	0	0	0	0	15	701	0	1	24	236	39	938
Hong Kong	35	2,267	0	1	15	1,072	1	47	0	39	51	3,426
Hungary	0	0	0	0	1	26	2	25	35	491	38	542
India	9	155	14	58	1,023	44,478	275	1,364	6,155	31,563	7,476	77,618
Indonesia	0	0	0	0	0	1	0	0	0	0	0	1
Iran	1	73	0	6	192	23,234	1	48	8	360	202	23,721
Iraq	0	0	0	0	0	27	0	0	0	0	0	27
Ireland	7	124	0	0	1	42	179	3,374	467	3,402	654	6,942
Israel	4	176	0	0	1	43	368	3,508	2	11	375	3,738
Italy	34	274	0	16	1	24	221	2,009	6	163	262	2,486
Japan	253	4,678	2,823	10,964	3	110	1,084	2,191	615	2,261	4,778	20,204
Korea	185	4,123	49	189	0	30	1	4	13	50	248	4,396
Kuwait	0	0	0	0	0	67	0	0	0	7	0	74
Laos	0	0	0	0	1	23	0	0	0	0	1	23
Lebanon	0	0	0	0	0	0	10	220	0	0	10	220
Macao	0	3	0	0	0	1	0	0	0	0	0	4
Mexico	1,294	5,262	0	1	2	58	24	99	152	907	1,472	6,327
Morocco	0	5	0	0	9	346	4	35	24	353	37	739
Nepal	0	3	0	0	20	1,383	1	9	0	18	21	1,413
Netherlands	2,021	11,085	1	21	2	125	245	4,207	477	2,751	2,746	18,189
New Zealand	78	1,388	0	0	0	4	64	1,236	3	44	145	2,672
Norway	0	0	0	0	0	0	11	78	1	7	12	85
Oman	0	0	0	0	0	17	9	62	0	0	9	79
Pakistan	3	43	0	1	423	32,091	24	310	84	688	534	33,133
Peru	0	1	0	1	1	21	0	6	2	60	3	89

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTAL		MACHINE WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Philippines	9	640	1	2	2	129	0	4	1	37	13	812
Poland	0	0	0	0	0	4	0	0	1	32	1	36
Portugal	4	132	0	0	36	263	8	96	59	1,653	107	2,144
Romania	0	0	0	0	90	5,401	0	0	27	993	117	6,394
Saudi Arabia	0	2	0	0	0	3	0	1	0	5	0	11
Singapore	1	63	0	0	0	19	0	4	0	1	1	87
South Africa (Republic of)	2	29	0	0	0	17	16	206	23	379	41	631
Spain	131	1,167	0	0	3	185	1,123	14,102	4	96	1,261	15,550
Sri Lanka	0	0	0	0	2	133	0	0	0	0	2	133
Swaziland	0	0	0	0	0	1	0	0	0	0	0	1
Sweden	1	39	3	1	0	8	7	161	17	186	28	395
Switzerland	38	401	0	12	1	83	49	1,412	15	283	103	2,191
Syria	0	0	0	0	0	2	0	7	0	0	0	9
Thailand	81	2,510	0	0	0	26	2	39	0	4	83	2,579
Tokelau	0	12	0	0	0	0	0	0	0	0	0	12
Tunisia	0	0	0	0	0	13	0	0	4	117	4	130
Turk Islands	0	6	0	0	0	0	0	0	0	2	0	8
Turkey	11	196	4	72	154	11,351	3	65	128	1,933	300	13,617
U.S.S.R.	0	0	0	0	1	42	0	0	0	2	1	44
United Arab Emirates	0	0	0	0	1	32	0	10	0	0	1	42
United Kingdom	122	1213	0	21	8	730	1,343	25,253	57	733	1,530	27,950
Upper Volta	0	0	0	0	0	0	0	0	0	1	0	1
Uruguay	0	0	0	0	0	0	0	0	0	1	0	1
Yemen (S)	0	0	0	0	0	0	0	1	0	0	0	1
Yugoslavia	0	0	0	0	0	19	0	1	0	9	0	29
TOTALS	11,808	$ 79,353	2,907	$ 11,453	3,397	$198,937	10,114	$109,264	9,736	$ 59,747	37,961*	$458,936

* Does not add due to rounding.

Source: U. S. Department of Commerce, Bureau of the Census, IM 146.

Notes: Dollar value reported F.O.B. country of origin - not including freight and duty cost.
All data exclude underlayment.

APPENDIX TABLE 11 PRIMARY BACKING CONSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN (Pounds)							
Cotton	4,380	2,450	2,080	1,506	(D)	(D)	(D)
Jute	9,679	16,346	15,360	4,701	4,294	2,764	4,266
Paper	(D)	—	—	—	—	—	—
Man-Made & All Other	13,218	12,412	15,795	9,292	[1]8,638	[1]8,694	[1]7,605
TOTAL	27,277	31,208	33,235	15,499	15,316	12,729	13,855
TUFTED (Square Yards)							
Cotton	1,022	598	(D)	(D)	3,106	(D)	(D)
Jute	205,493	202,338	122,675	30,397	42,346	22,094	41,213
Paper	—	—	—	—	—	—	—
Man-Made & All Other	761,300	871,949	1,023,967	858,441	[1]832,738	[1]736,112	[1]854,843
TOTAL	973,897	,080341	1,152,190	926,397	883,774	766,441	982,517
ALL OTHER (Square Yards)							
Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper	—	—	—	—	—	—	—
Man-Made & All Other	23,170	22,046	15,547	14,426	[2]10,496	[3]5,271	[3]7,645
TOTAL	25,902	26,196	18,353	14,999	10,993	27,978	11,834
TOTAL (Square Yards)							
Not Available							

APPENDIX TABLE 12 SECONDARY BACKING CONSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN (Square Yards)							
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
M/M, Woven & Non-W	—	(D)	—	—	(D)	(D)	(D)
Cushion - Total	(D)	2,373	2,814	(D)	(D)	(D)	(D)
Foam or High Den		(D)	(D)				
Vinyl, Poly, Other	(D)	(D)	(D)	—	—	(D)	(D)
Other	(D)	(D)	(D)	—	—	—	—
TOTAL	(D)	(D)	(D)	1,110	(D)	(D)	(D)
TUFTED (Square Yards)							
Jute	504,177	570,690	583,316	419,647	463,669	384,442	(D)
M/M, Woven & Non-W	—	21,395	92,825	183,256	171,045	165,602	219,933
Cushion - Total	206,262	245,620	210,004	161,778	128,250	123,822	113,268
Foam or High Den	192,241	225,460	188,660	104,745	92,834	90,510	58,498
Vinyl, Poly, Other	14,021	20,160	21,344	33,043	35,416	33,312	23,955
Other	54,454	52,027	55,746	44,117	48,465	41,316	(D)
TOTAL	783,497	913,163	1,181,318	824,671	812,245	735,041	838,382
ALL OTHER (Square Yards)							
Jute	—	—	—	—	—	—	—
M/M, Woven & Non-W	—	—	—	—	—	—	—
Cushion - Total	(D)	(D)	(D)	2,290	2,862	(D)	(D)
Foam or High Den	(D)	(D)	(D)	1,968	2,862	(D)	(D)
Vinyl, Poly, Other	(D)	(D)	(D)	322	—	(D)	(D)
Other	(D)	(D)	(D)	814	—	(D)	(D)
TOTAL	(D)	(D)	(D)	3,104	2,862	(D)	(D)
TOTAL (Square Yards)							
Jute	514,217	580,437	593,898	429,764	464,362	395,611	432,929
M/M, Woven & Non-W	—	21,873	92,825	183,874	181,166	174,930	239,636
Cushion - Total	216,735	256,592	219,951	165,871	131,827	125,528	117,422
Foam or High Den	199,147	233,349	195,864	122,498	96,411	91,882	85,553
Vinyl, Poly, Other	17,588	23,243	24,087	43,373	35,416	33,646	31,869
Other	61,442	69,644	75,935	49,376	48,465	41,344	56,056
TOTAL	792,394	928,546	982,609	828,885	825,820	737,413	846,043

[1]All Man-Made [2]Man-Made 3,236 [3]All "Other"

(D) Withheld to avoid disclosing figures of individual companies.

Note: Individual figures do not add up to totals because some data were withheld to avoid problems of disclosure.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

Note: The Department of Commerce, Bureau of the Census, has discontinued this portion of the MQ-22Q as of January, 1984.

APPENDIX TABLE 13 HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9'

NEW PUBLIC AND PRIVATE HOUSING UNITS STARTED — Seasonally adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1963	1,634.9	—
1964	1,561.0	- 4.5
1965	1,509.7	- 3.3
1966	1,195.8	- 20.8
1967	1,321.9	+ 10.5
1968	1,545.4	+ 16.9
1969	1,499.5	- 3.0
1970	1,469.0	- 2.0
1971	2,084.5	+ 41.9
1972	2,378.5	+ 14.1
1973	2,057.3	- 13.5
1974	1,352.5	- 34.3
1975	1,171.4	- 13.4
1976	1,547.6	+ 32.1
1977	2,001.7	+ 29.3
1978	2,036.1	+ 1.7
1979	1,760.0	- 13.6
1980	1,312.6	- 25.4
1981	1,100.3	- 16.2
1982	1,072.1	- 2.6
1983	1,712.5	+ 59.7
1984	1,755.8	+ 2.5

Source: U. S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C-20-84-1.

*TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1963	176,362	—
1964	219,703	+ 24.6
1965	259,885	+ 18.3
1966	288,710	+ 11.1
1967	328,602	+ 13.8
1968	394,747	+ 20.1
1969	455,341	+ 15.4
1970	502,280	+ 10.3
1971	558,565	+ 11.2
1972	734,308	+ 31.5
1973	809,435	+ 10.2
1974	756,386	- 6.5
1975	676,713	- 10.5
1976	762,217	+ 12.6
1977	875,882	+ 14.9
1978	963,420	+ 10.0
1979	1,004,450	+ 4.3
1980	870,859	- 13.3
1981	831,073	- 4.6
1982	743,280	- 10.6
1983	895,337	+ 20.5
1984	919,726	+ 2.7

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpt and Rugs," Series MQ-22Q.

*Mill Shipments